



Lew Dennis
Facilities Engineering
Manager

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Exploration and Production**
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October 15, 2008

Mr. Chae Park
U.S. Environmental Protection Agency
Region 10, Water Compliance Section
1200 Sixth Avenue, OW-133
Seattle, WA 98101

RECEIVED

OCT 20 2008

DEC

Division of Water Quality
and Pollution Control

RETURN RECEIPT REQUESTED
CERTIFIED MAIL 7006 3450 0000 0081 3841

Re: NPDES Permit No. AKG-31-5002
Trading Bay Production Facility September 2008 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the September 2008 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at mmjones@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Lew Dennis for Dale Haines
10-15-08

Lew Dennis

cc: ADEC / Certified Mail 7006 3450 0000 0081 3896

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California
ADDRESS Attn: John Zager
P.O. Box 196247
Anchorage, AK 99519-6247
FACILITY Trading Bay Production Facility
LOCATION Cook Inlet, Alaska

(2-16)
AKG-31-5002
PERMIT NUMBER

(17-19)
015
DISCHARGE NUMBER

MONITORING PERIOD
YEAR MO DAY
08 09 01

TO

YEAR MO DAY
08 09 30

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only)			(4 Card Only)					NO. EX (62-63)	NOTE: Read instructions before completing this form.	
		QUANTITY OR LOADING			QUALITY OR CONCENTRATION						FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)					
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
015 Produced Water Flow Rate*	SAMPLE MEASUREMENT	4.400715	4.588794	MGD						Weekly	Estimate	
	PERMIT REQUIREMENT	Report	Report	MGD						Weekly	Estimate	
015 Produced Water Produced Sand	SAMPLE MEASUREMENT						No Discharge					
	PERMIT REQUIREMENT						No Discharge					
015 Produced Water pH**	SAMPLE MEASUREMENT				7.1		7.5	su		4 / Month	Grab	
Flow Rate >1 mgd	PERMIT REQUIREMENT				8		9	su		Weekly	Grab	
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT					13	15	mg/l		Weekly	Grab Average	
	PERMIT REQUIREMENT					29	42	mg/l		Weekly	Grab Average	
015 Produced Water Copper	SAMPLE MEASUREMENT					4	4	ug/l		Monthly	Grab	
	PERMIT REQUIREMENT					47	117	ug/l		Monthly	Grab	
015 Produced Water Manganese	SAMPLE MEASUREMENT					2.0	2.0	mg/l		Monthly	Grab	
	PERMIT REQUIREMENT					25	50	mg/l		Monthly	Grab	
015 Produced Water Mercury	SAMPLE MEASUREMENT					0.2	0.2	ug/l		Monthly	Grab	
	PERMIT REQUIREMENT					0.6	1.0	ug/l		Monthly	Grab	
015 Produced Water Silver	SAMPLE MEASUREMENT					1	1	ug/l		Monthly	Grab	
	PERMIT REQUIREMENT					23	47	ug/l		Monthly	Grab	
015 Produced Water Zinc	SAMPLE MEASUREMENT					0.003	0.003	mg/l		Monthly	Grab	
	PERMIT REQUIREMENT					0.9	1.9	mg/l		Monthly	Grab	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager
General Manager
Mid Continent/Alaska Business Unit

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Lew Dennis
Lew Dennis

SIGNATURE OF
PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

TELEPHONE
(907) 276-7600

DATE
08 10 15

TYPED OR PRINTED

AREA
CODE NUMBER YEAR MO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

*Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.

**Frequency of pH measurement has been increased to more closely monitor water quality.

***Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

Estimated workover fluid flow rate: 0.00630 MGD

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AKG-31-5002		015	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	
08	09	01	
			TO
YEAR	MO	DAY	
08	09	30	
(20-21)	(22-23)	(24-25)	(26-27) (28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only)	QUANTITY OR LOADING			(4 Card Only)	QUALITY OR CONCENTRATION			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)					
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
015 Produced Water TAH	SAMPLE MEASUREMENT					9	9	mg/L		Monthly	Grab	
	PERMIT REQUIREMENT					18	27	mg/L		Monthly	Grab	
015 Produced Water TAqH	SAMPLE MEASUREMENT					9	9	mg/l		Monthly	Grab	
	PERMIT REQUIREMENT					Report	Report	mg/L		Monthly	Grab	
015 Produced Water Total Ammonia	SAMPLE MEASUREMENT					No Sample	No Sample	mg/l		Quarterly	Grab	
	PERMIT REQUIREMENT					Report	Report	mg/l		Quarterly	Grab	
015 Produced Water Whole Effluent Toxicity Mytilus sp.*	SAMPLE MEASUREMENT					No Sample	No Sample	TUC		Quarterly	Grab	
	PERMIT REQUIREMENT					283	568	TUC		Quarterly	Grab	
015 Produced Water Whole Effluent Toxicity Dendroaster excentricus	SAMPLE MEASUREMENT					No Sample	No Sample	TUC		Annually	Grab	
	PERMIT REQUIREMENT					283	568	TUC		Annually	Grab	
015 Produced Water Whole Effluent Toxicity Menidia beryllina	SAMPLE MEASUREMENT					No Sample	No Sample	TUC		Annually	Grab	
	PERMIT REQUIREMENT					283	568	TUC		Annually	Grab	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John Zager General Manager Mid Continent/Alaska Business Unit TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 Lew Dennis SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE (907) 276-7600		DATE 08 10 15		
			AREA CODE	NUMBER	YEAR	MO	DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

*Identified as the most sensitive species.